

Docket Number: 008312-0280186

PATENT APPLICATION

Client Reference: T4YK-01S0040

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re the Application of

HIDEO ANDO, et al.

Group Art Unit: 3621

Application No.: 09/835,822

Examiner: Cristina O. Sherr

Filed: April 17, 2001

Confirmation No.: 5555

For: INFORMATION REPRODUCING METHOD AND INFORMATION PROVIDING
BUSINESS METHOD

06/07/2004 SDIRETA1 00000064 033975 09835822

01 FC:1806 180.00 DA

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

RECEIVED

JUN 10 2004

Sir:

GROUP 3600

Pursuant to 37 CFR 1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom. Applicants respectfully request the Examiner return an initialed copy of the enclosed Form PTO-1449 to Applicants with the next Office communication to indicate that the reference(s) has been considered, per MPEP § 609.

This Supplemental Information Disclosure Statement is being filed after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Rejection or Notice of Allowance.

Please charge Deposit Account 033975 in the amount of \$180.00 in payment of the fee under 37 CFR 1.17(p). Please credit or debit Deposit Account 033975 as needed to ensure consideration of the disclosed information.

A concise explanation of the relevance of the non-English language reference(s) are as follows:

1. JP7154385 describes a ciphered television signal is received by a digital broadcasting reception circuit 7 and recorded in a recording medium 13 by a recording part 12 inside a recording equipment as it is. This regenerative output of a reproducing part 14 is transmitted to a decoder box and the decoder box receiving the regenerative output decodes a picture, which can be exactly viewed but copy inhibit information is added, through a deciphering circuit 17, cancel key input 18 and output circuit 5. The pay broadcasting signal recorded in the ciphered state can be restored into the

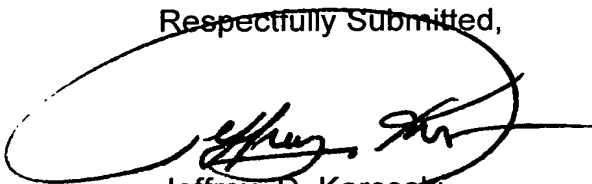
□□

picture only by the dedicated decoder box corresponding to this pay broadcasting. Therefore, even when copy is performed based on this invention, the other equipment can not restore the normal picture.

2. JP8251571 describes A transmission device 31 multiplexes a charge calculating function and a correction signal for obtaining a charge value on the basis of the time difference between storage time and reproduction time with an image compressed signal that is compressed and encoded by a signal mixing circuit 34, and then sends them. A terminal device 30 stores the received multiplexed image compressed signal in a storage means 15 and also stores the storage time in a storage time register 15a. Then a storage and reproduction control circuit 14 controls reproduction and a function separating circuit 5 separates the reproduced storage signal into the charge calculating function and image compressed signal. The image compressed signal is decoded by a decoding circuit 6 and an image signal is outputted. At this time, a charge calculating circuit 17 calculates the charge value on the basis of the charge calculating function and the time difference obtained by a subtracter 11. Consequently, the signal can be charged on the basis of the time difference.

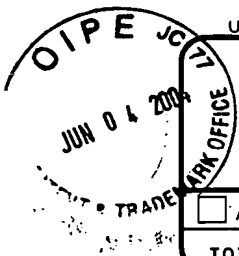
English-language Abstracts of the non-English language references are attached hereto.

Respectfully Submitted,

A handwritten signature in black ink, appearing to read "Jeffrey D. Karceski", is written over a large, hand-drawn oval. The signature is fluid and cursive.

Jeffrey D. Karceski
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Customer Number: 00909

Date: June 4, 2004
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FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 180.00

Compl t if Known

Application Number 09/835,822
Filing Date April 17, 2001
First Named Inventor HIDEO ANDO
Examiner Name Cristina O. Sherr
Art Unit 3621
Attorney Docket No. 008312-0280186

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GROUP 3600

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit Account Number 033975
Deposit Account Name PILLSBURY WINTHROP LLP

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments
☒ Charge any additional fee(s) or any underpayment of fee(s)
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	770	2001	385	Utility filing fee	
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1) (\$)					0.00

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims - 20** = X =
Independent Claims - 3** = X =
Multiple Dependent =

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1202	18	2202	9	Claims in excess of 20	
1201	86	2201	43	Independent claims in excess of 3	
1203	290	2203	145	Multiple dependent claim, if not paid	
1204	86	2204	43	** Reissue independent claims over original patent	
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2) (\$)					0.00

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	180.00
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	
Other fee (specify)					
*Reduced by Basic Filing Fee Paid					
SUBTOTAL (3) (\$)					180.00

SUBMITTED BY

Name (Print/Type) Jeffrey D. Karceski
Registration No. (Attorney/Agent) 35914
Telephone (703) 905-2110
Signature
Date June 4, 2004

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.
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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	1	of
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Complete if Known

Application Number	09/835,822
Filing Date	04/17/2001
First Named Inventor	HIDEO ANDO
Art Unit	3621
Examiner Name	Cristina O. Sherr
Attorney Docket Number	008312-0280186

U. S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ²
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
	1A	JP 7-154385	06/1995	Iketani		
	2A	JP 8-251571	09/1996	Kusunoki		

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.¹ Applicant's unique citation designation number (optional).² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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